20020710 050007

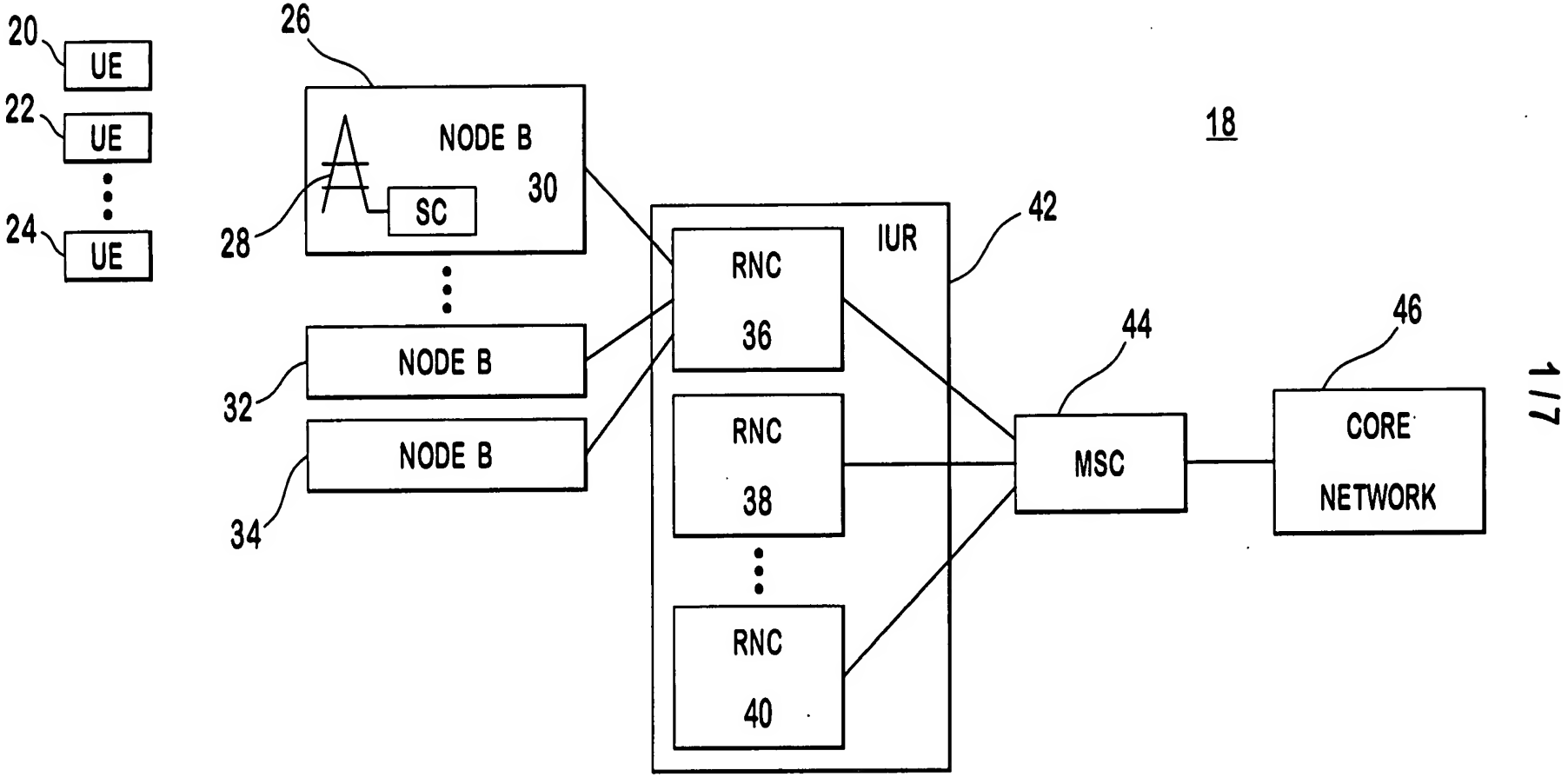


FIG. 1

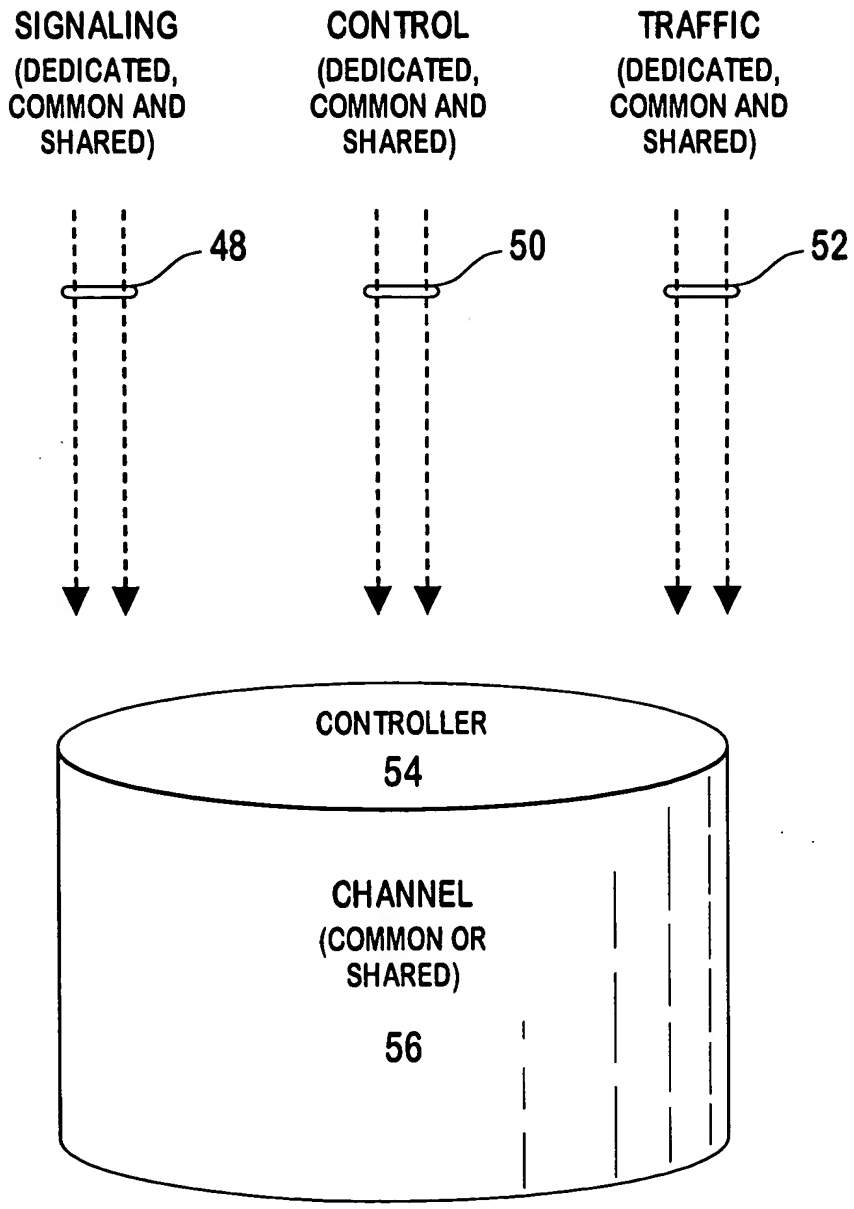
SIGNALING
(DEDICATED, COMMON AND SHARED)
CONTROL
(DEDICATED, COMMON AND SHARED)
TRAFFIC
(DEDICATED, COMMON AND SHARED)
48
50
52
CONTROLLER
54
CHANNEL
(COMMON OR SHARED)
56

FIG. 2

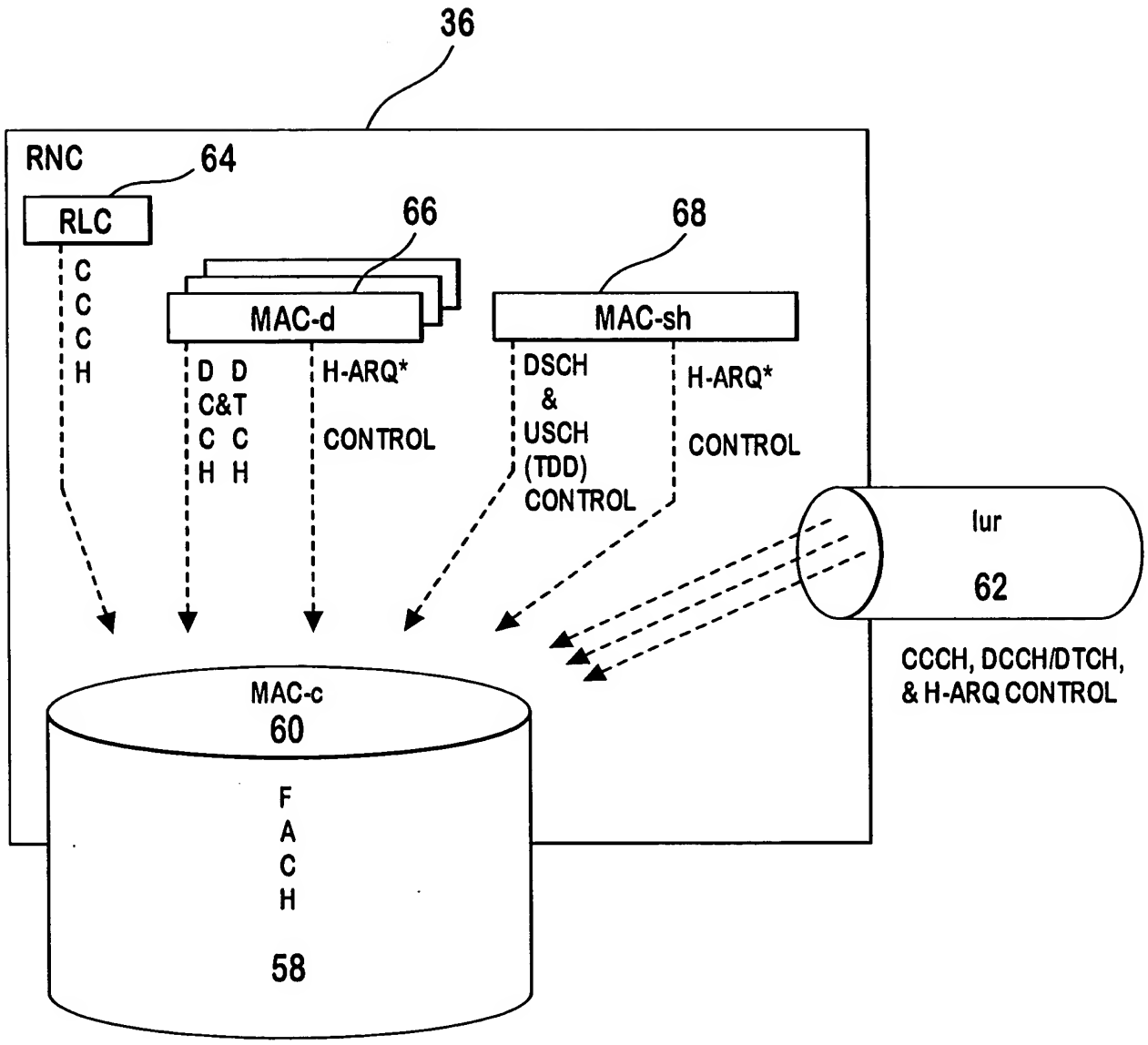
36
RNC
64
RLC
66
68
MAC-d
MAC-sh
C
C
C
H
D D
C&T
C C
H H
H-ARQ*
CONTROL
DSCH
&
USCH
(TDD)
CONTROL
H-ARQ*
CONTROL
Iur
62
CCCH, DCCH/DTCH,
& H-ARQ CONTROL
MAC-c
60
F
A
C
H
58

FIG. 3

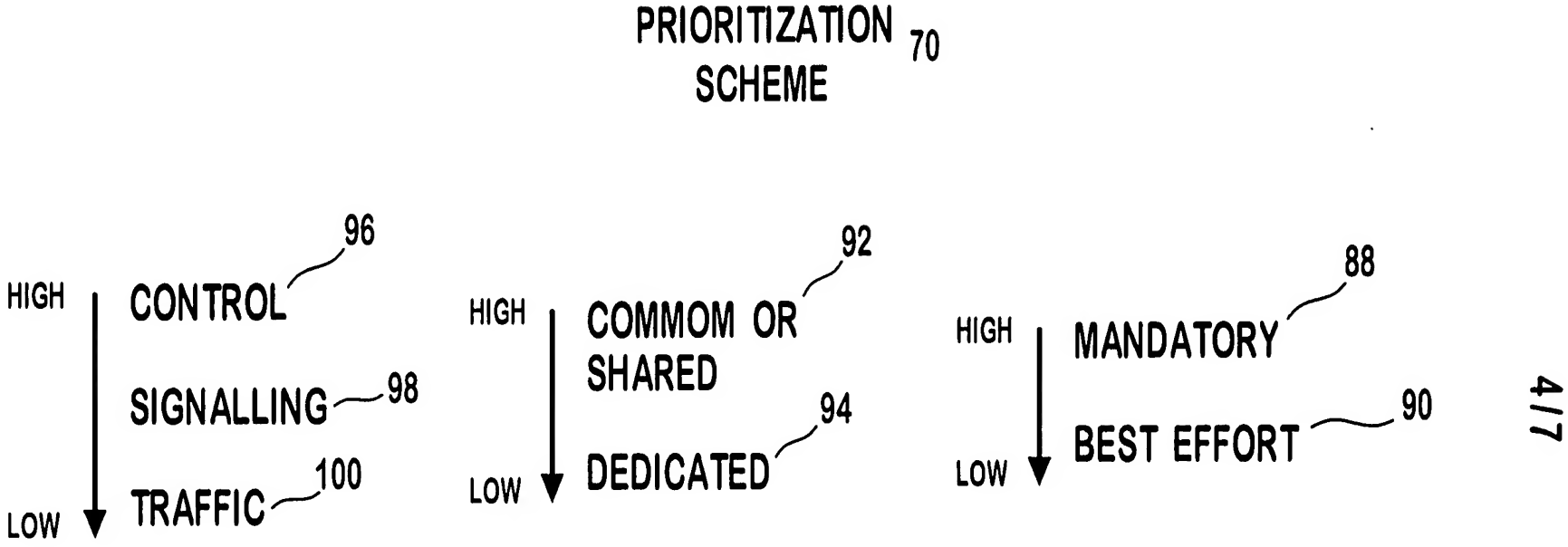
PRIORITIZATION SCHEME
70
HIGH
LOW
CONTROL
96
SIGNALLING
98
TRAFFIC
100
HIGH
LOW
COMMOM OR SHARED
92
DEDICATED
94
HIGH
LOW
MANDATORY
88
BEST EFFORT
90

FIG. 4

FACH Prioritization 72

| Type | Source | Destination | | Class | Suggested Priority |
|---|---|---|---|---|---|
| | | No Iur | Across Iur | | |
| CCCH (Signaling) | RLC | X | X | Mandatory | Medium |
| DCCH (Signaling) | MAC-d | X | X | Best Effort | Medium |
| DTCH (Traffic) | MAC-d | X | X | Best Effort | Low |
| DSCH (Control) | MAC-sh | X | | Mandatory | Highest |
| USCH (Control) | MAC-sh | X | | Mandatory | Highest |
| H-ARQ (Control) | MAC-d | X | X | Mandatory | High |
| H-ARQ (Control) | MAC-sh | X | | Mandatory | Highest |

FIG. 5

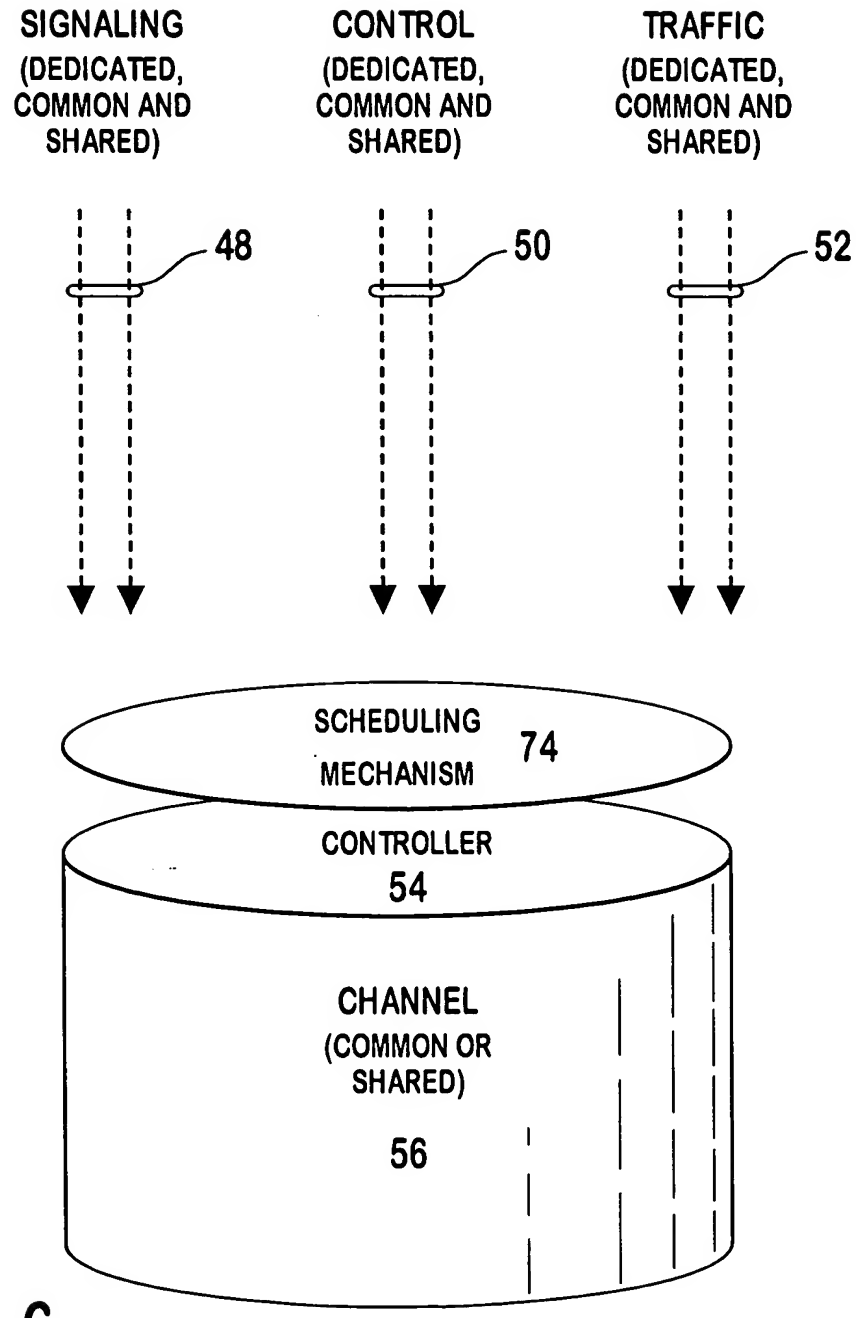
SIGNALING
(DEDICATED, COMMON AND SHARED)
CONTROL
(DEDICATED, COMMON AND SHARED)
TRAFFIC
(DEDICATED, COMMON AND SHARED)
48
50
52
SCHEDULING MECHANISM
74
CONTROLLER
54
CHANNEL
(COMMON OR SHARED)
56

FIG. 6

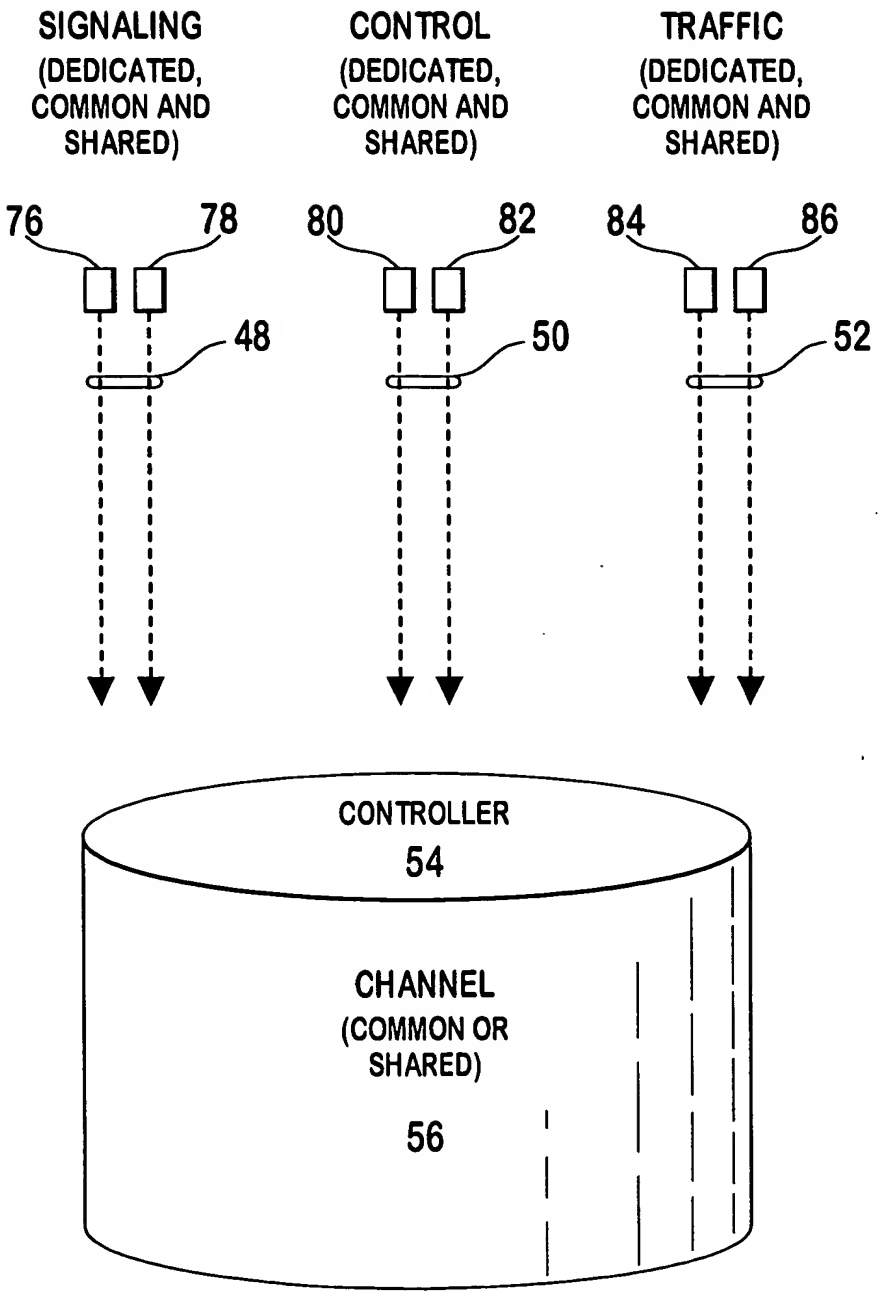
SIGNALING
(DEDICATED, COMMON AND SHARED)
CONTROL
(DEDICATED, COMMON AND SHARED)
TRAFFIC
(DEDICATED, COMMON AND SHARED)
76
78
80
82
84
86
48
50
52
CONTROLLER
54
CHANNEL
(COMMON OR SHARED)
56

FIG. 7